

Converting Colors

XYZ(55.2148, 50.5296, 58.0603)

Have a look what the booklet for
XYZ(55.2148, 50.5296, 58.0603)
contains.

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Color

**XYZ(55.2785, 50.7115,
57.9137)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB1C2
RGB	221, 177, 194
RGB Percent	87%, 69%, 76%
CMY	0.1333, 0.3059, 0.2392
CMYK	0.00, 0.20, 0.12, 0.13
HSL	337°, 39%, 78%
HSV	337°, 20%, 87%
XYZ	55.2785, 50.7115, 57.9137
YIQ	192.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

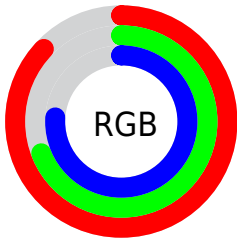
Format	Color
R _Y B	221, 177, 194
Decimal	14528962
CIE Lab	76.50, 18.63, -2.56
CIE LCh	77, 18.809, 352.190
Yxy	50.7115, 0.3373, 0.3094
Android (android.graphics.Color)	4292719042 (0xFFDDB1C2)
YUV	192.0940, 0.9397, 25.3506
Hunter-Lab	71.2120, 13.9401, 1.6304

Details

The XYZ color **55.2785, 50.7115, 57.9137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8890, 65.4209, 66.8644**, and the grayscale version is **50.1452, 52.7567, 57.4520**.

A 20% lighter version of the original color is **87.6342, 86.4400, 102.5082**, and **27.4583, 24.3081, 28.0557** is the 20% darker color. If you saturate the color by 10%, you get **49.8076, 42.0966, 48.9149**, and if you desaturate by 10%, it is **61.5983, 60.8003, 67.8826**.

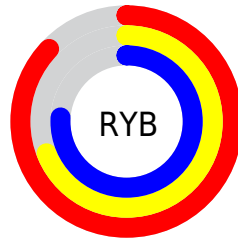
Distribution



Red (87%)

Green (69%)

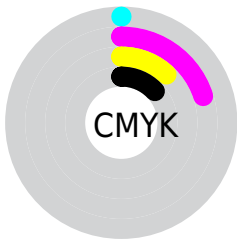
Blue (76%)



Red (87%)

Yellow (69%)

Blue (76%)

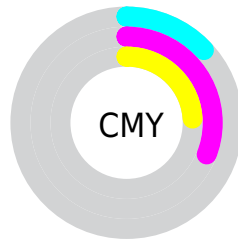


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2785, 50.7115, 57.9137 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.2785, 50.7115, 57.9137 by changing the saturation by 10% instead.


 55.2785, 50.7115,
57.9137

 55.2785, 50.7115,
57.9137


397.0860,
389.4419, 434.4536

 39.8595, 35.9791,
41.3250

 97.0948, 91.2282,
103.3107

 27.6127, 24.4180,
28.2515


124.2228,
117.7812, 132.9561

 18.1729, 15.6440,
18.2747


155.9845,
149.0432, 167.7909

 11.1746, 9.2726,
10.9759

192.7453,
185.3986, 208.2335

 6.2526, 4.9194,
5.9367

234.8705,
227.2318, 254.7026

 3.0414, 2.2001,
2.7384

282.7254,

 1.1757, 0.7200,

274.9271, 307.6165

0.9627

336.6755,
328.8690, 367.3940

■ 0.0870, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2785, 50.7115,
57.9137

■ 55.2785, 50.7115,
57.9137

■ 49.8076, 42.0966,
48.9149

■ 61.5983, 60.8003,
67.8826

■ 45.1435, 34.8795,
40.8522

■ 68.7978, 72.4210,
78.8476

■ 41.2470, 28.9872,
33.6939

■ 76.9116, 85.6367,
90.8378

■ 38.0739, 24.3376,
27.4055

■ 82.5614, 93.6852,
102.7434

■ 35.5749, 20.8392,
21.9497

■ 83.6290, 94.1123,
108.3655

■ 33.6944, 18.3878,
17.2857

■ 32.3669, 16.8599,
13.3684

■ 31.4809, 16.0406,
10.1357

■ 31.4736, 16.0341,
10.1085

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.7922, 50.7115, 68.0792



55.2785, 50.7115, 57.9137



54.7957, 50.7115, 48.1618

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.2785, 50.7115, 57.9137



45.6692, 50.7115, 39.0309



44.1378, 50.7115, 72.1329

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.2785, 50.7115, 57.9137



54.8890, 65.4209, 66.8644

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.1556, 50.7115, 62.9278



55.2785, 50.7115, 57.9137



43.0090, 50.7115, 44.0850

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2785, 50.7115, 57.9137



49.1327, 50.7115, 38.0351



41.7527, 50.7115, 52.6038



47.2787, 50.7115, 76.9200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2785, 50.7115, 57.9137



53.4325, 50.7115, 43.1080



41.7527, 50.7115, 52.6038



43.3203, 50.7115, 69.4026

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.2799, 50.7138, 57.9148



88.8867, 90.0336, 99.5691



53.5128, 49.4200, 75.1257



18.8877, 19.0489, 21.1011



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.2799, 50.7138, 57.9148



73.0693, 64.7874, 74.6015



54.3617, 51.7595, 48.7232



13.2632, 13.1344, 14.6473



18.3349, 9.3350, 6.1434



1.2292, 0.6213, 0.6160

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.2799, 50.7138, 57.9148



73.0693, 64.7874, 74.6015



55.8941, 63.9886, 77.8122



13.2632, 13.1344, 14.6473



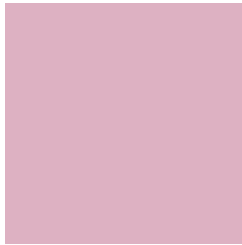
18.3349, 9.3350, 6.1434



1.2292, 0.6213, 0.6160

Previews

White Background



This preview shows how the XYZ color 55.2785, 50.7115, 57.9137 looks on a white background.

Color Contrast Check

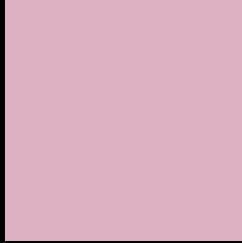
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.2785, 50.7115, 57.9137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2785, 50.7115, 57.9137

Background



This preview shows how black text looks on a background with the XYZ color 55.2785, 50.7115, 57.9137.



This preview shows how white text looks on a background with the XYZ color 55.2785, 50.7115,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.2785, 50.7115, 57.9137

Protanopia

49.3948, 50.9554, 61.8756

Deuteranopia

51.7360, 50.6964, 57.5107



Tritanopia

54.9449, 50.5780, 56.1568

Trichromacy



Original Color

55.2785, 50.7115, 57.9137

Protanomaly

51.4209, 50.7757, 60.5166

Deuteranomaly

53.0135, 50.7469, 57.4531

Tritanomaly

55.0554, 50.6222, 56.7385

Monochromacy



Original Color

55.2785, 50.7115, 57.9137

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0246, 52.0874, 57.7640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2785, 50.7115, 57.9137 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 177, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 177, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.2785, 50.7115, 57.9137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 177, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 177, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 177,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2785, 50.7115, 57.9137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 177, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
177, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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